

# LOW VISCOS FACE SERUM

BR 2/18-5

Based on TEGO® Care PBS 6 MB, a versatile O/W emulsifier especially suitable for low-viscous lotions. The formulations strengthens skin barrier and rejuvenates the skin from inside. TEGOSOFT® XC MB adds to a light and non-oily skin feel and helps to prevent phase separation in low-viscous O/W emulsions. TEGO® SP 13-1 provides improved absorption in face care applications.

PHASE	INGREDIENTS	% W/W
A	TEGO® Care PBS 6 MB (Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate)	3.00
	TEGIN® M Pellets MB (Glyceryl Stearate)	0.50
	TEGO® Alkanol 1618 (Cetearyl Alcohol)	0.50
	TEGOSOFT® DEC (Diethylhexyl Carbonate )	4.00
	TEGOSOFT® XC MB (Phenoxyethyl Caprylate )	5.00
	dermofeel® sensolv MB (Isoamyl Laurate)	3.00
	TEGO® SP 13-1 (Poly C10-30 Alkyl Acrylate)	3.00
B	Water	74.70
	Glycerin	3.00
	SK-INFLUX® V MB (Ceramide NP; Ceramide AP; Ceramide EOP; Phytosphingosine; Cholesterol; Sodium Lauroyl Lactylate; Carbomer; Xanthan Gum)	2.00
	TEGO® Carbomer 141 (Carbomer)	0.20
	HyaCare® 50 (Hydrolyzed Hyaluronic Acid )	0.10
C	Sodium Hydroxide (10 % in water)	q.s.
D	Verstatil® PC (Phenoxyethanol; Caprylyl Glycol)	1.00
Z	Perfume	q.s.

## Processing

1. Heat phase A and B separately to 70 - 75 °C.
2. Add phase A to phase B with stirring1).

3. Homogenize.
4. Cool with gentle stirring.
5. Add phase C below 40° C and adjust the pH value to 6.2 - 6.8.
6. Add phase D.

1) Important: If phase A has to be charged into the vessel first, phase B must be added without stirring.

### Remarks

Viscosity: 4 Pa\*s (Brookfield DV-I, Sp. 4 / 5 rpm)

pH 6.7

Antimicrobial effectiveness testing: challenge test passed

#### Disclaimer:

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